OIPE JC173 JUN 05 2001 PATENT & TRADEMARK OFFICE

FORM PTO-1449 (MODIFIED)

U.S. DEPARTMENT OF COMMERCE PATENT AND TRADEMARK OFFICE

LIST OF PRIOR ART CITED BY APPLICANT
(Use several sheets if necessary)

ATTY. DOCKET NO.	SERIAL NO.
KCC-15,893	09/855,194
APPLICANT: Oomman Painumoottil THOMAS	
FILING DATE: 14 May 2001	GROUP

U.S. PATENT DOCUMENTS

*EXAMINER INITIAL		DOCUMENT NUMBER	DATE	NAME	CLASS	SUBCLASS	FILING DATE: IF APPROPRIATE
	AA	3,802,817	04/1974	Matsuki et al.	425	66	
	AB	3,849,241	11/1974	Butin et al.	161	169	
	AC	4,340,563	07/1982	Appel et al.	264	518	
	AD	5,882,573	03/1999	Kwok et al.	264	510	
	AE	5,902,540	05/1999	Kwok	264	555	
	AF	5,904,298	05/1999	Kwok et al.	239	135	
	AG	2,206,761	07/1940	Bergstein	93	6	
	AH	2,266,761	12/1941	Jackson, Jr. et al.	154	46	
	AI	2,357,392	09/1944	Francis, Jr.	18	47.5	
	AJ	2,464,301	03/1949	Francis, Jr.	154	46	
	AK	2,483,405	10/1949	Francis, Jr.	154	54	

FOREIGN PATENT DOCUMENTS

		DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUBCLASS	TRANSLATION YES	TRANSLATION NO
	AL	239 080 A2	09/1987	EPO	D01F	6/30	X	
	AM	37 34 963 A1	04/1988	Germany	C08L	21/00	X	
	AN	90/03464	04/1990	PCT	D04H	1/56	X	
	AO	380 781 A2	08/1990	EPO (Abstract)	B05C	5/02	X	
~~X~~	~~AP~~	~~3-67646~~	~~03/1991~~	~~Japan~~	~~B32B~~	~~5/28~~		X

OTHER PRIOR ART *(Including Author, Title, Date, Pertinent Pages, Etc.)*

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EXAMINER	DATE CONSIDERED
Alexander Rosaler	11/24/02

***EXAMINER:** Initial if reference considered, whether or not citation is in conformance with MPEP 609; Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

OIPE JC473 JUN 05 2001 PATENT & TRADEMARK OFFICE

FORM PTO-1449 (MODIFIED)

U.S. DEPARTMENT OF COMMERCE PATENT AND TRADEMARK OFFICE

LIST OF PRIOR ART CITED BY APPLICANT
(Use several sheets if necessary)

ATTY. DOCKET NO.	SERIAL NO.
KCC-15,893	09/855,194

APPLICANT: Oomman Painumoottil THOMAS

FILING DATE	GROUP
14 May 2001	

U.S. PATENT DOCUMENTS

*EXAMINER INITIAL		DOCUMENT NUMBER	DATE	NAME	CLASS	SUBCLASS	FILING DATE IF APPROPRIATE
AC	AA	2,957,512	10/1960	Wade et al.	154	33.05	
AC	AB	2,957,852	10/1960	Frankenburg et al.	260	75	
AC	AC	3,186,893	06/1965	Mercer	161	60	
AC	AD	3,338,992	08/1967	Kinney	264	24	
AC	AE	3,341,394	09/1967	Kinney	161	72	
AC	AF	3,371,668	03/1968	Johnson	128	290	
AC	AG	3,391,048	07/1968	Dyer et al.	161	58	
AC	AH	3,439,085	04/1969	Hartmann	264	210	
AC	AI	3,449,187	06/1969	Bobkowicz	156	161	
AC	AJ	3,468,748	09/1969	Bassett	161	122	
AC	AK	3,502,538	03/1970	Petersen	161	150	

FOREIGN PATENT DOCUMENTS

		DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUBCLASS	TRANSLATION YES	TRANSLATION NO
AC	AL	456 885 B1	11/1991	EPO	A61F	13/15	X	
AC	AM	92891	02/1992	Israel			X	
AC	AN	92/16371	10/1992	PCT	B32B	31/00	X	
AC	AO	547 497 A2	06/1993	EPO	A61F	13/15	X	
AC	AP	93/15247	08/1993	PCT	D04H	1/48	X	

OTHER PRIOR ART *(Including Author, Title, Date, Pertinent Pages, Etc.)*

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EXAMINER	DATE CONSIDERED
Alicia Rivalier	11/24/02

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OIPE JC13 JUN 05 2001 PATENT & TRADEMARK OFFICE

FORM PTO-1449 (MODIFIED)

U.S. DEPARTMENT OF COMMERCE PATENT AND TRADEMARK OFFICE

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(Use several sheets if necessary)

ATTY. DOCKET NO.	SERIAL NO.
KCC-15,893	09/855,194
APPLICANT: Oomman Painumoottil THOMAS	
FILING DATE: 14 May 2001	GROUP

U.S. PATENT DOCUMENTS

*EXAMINER INITIAL		DOCUMENT NUMBER	DATE	NAME	CLASS	SUBCLASS	FILING DATE IF APPROPRIATE
AL	AA	3,502,763	03/1970	Hartmann	264	210	
AL	AB	3,542,615	11/1970	Dobo et al.	156	181	
	~~AC~~	~~3,575,782~~	~~04/1971~~	~~Hansen~~	~~161~~	~~141~~	
AL	AD	3,616,129	10/1971	Sager	161	57	
AL	AE	3,629,047	12/1971	Davison	161	57	
AL	AF	3,669,823	06/1972	Wood	161	141	
AL	AG	3,673,026	06/1972	Brown	156	164	
AL	AH	3,676,242	07/1972	Prentice	156	62.4	
AL	AI	3,689,342	09/1972	Vogt et al.	156	167	
AL	AJ	3,692,618	09/1972	Dorschner et al.	161	72	
AL	AK	3,752,613	08/1973	Vogt et al.	425	80	

FOREIGN PATENT DOCUMENTS

		DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUBCLASS	TRANSLATION YES	TRANSLATION NO
AL	AL	93/17648	09/1993	PCT	A61F	13/15	X	
AL	~~AM~~	~~570 980 A1~~	~~11/1993~~	~~EPO~~	~~A61F~~	~~13/15~~		X
AL	AN	2 244 422 B	3/1994	GB	A61F	13/15	X	
AL	AO	94/09736	05/1994	PCT	A61F	13/15	X	
AL	AP	604 731 A1	07/1994	EPO	B32B	31/00	X	

OTHER PRIOR ART *(Including Author, Title, Date, Pertinent Pages, Etc.)*

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EXAMINER: Alicia Ramos

DATE CONSIDERED: 11/24/02

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OIPE JC17 JUN 05 2001 PATENT & TRADEMARK OFFICE

FORM PTO-1449 (MODIFIED) U.S. DEPARTMENT OF COMMERCE PATENT AND TRADEMARK OFFICE

LIST OF PRIOR ART CITED BY APPLICANT
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KCC-15,893	09/855,194
APPLICANT: Oomman Painumoottil THOMAS	
FILING DATE: 14 May 2001	GROUP

U.S. PATENT DOCUMENTS

*EXAMINER INITIAL		DOCUMENT NUMBER	DATE	NAME	CLASS	SUBCLASS	FILING DATE IF APPROPRIATE
AL	AA	3,773,590	11/1973	Morgan	156	244	
AL	AB	3,806,289	04/1974	Schwarz	425	72	
AL	AC	3,836,416	09/1974	Ropiequet	161	2	
AL	AD	3,890,184	06/1975	Morgan	156	244	
AL	AE	3,912,567	10/1975	Schwartz	156	167	
AL	AF	3,917,448	11/1975	Wood	8	125	
AL	AG	3,949,130	04/1976	Sabee et al.	428	192	
AL	AH	3,978,185	08/1976	Buntin et al.	264	93	
AL	AI	4,013,816	03/1977	Sabee et al.	428	288	
AL	AJ	4,090,385	05/1978	Packard	72	191	
AL	AK	4,107,364	08/1978	Sisson	428	196	

FOREIGN PATENT DOCUMENTS

		DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUBCLASS	TRANSLATION YES	TRANSLATION NO
~~AL~~	~~AL~~	~~617 939 A2~~	~~10/1994~~	~~EPO (Abstract)~~	~~A61F~~	~~13/15~~		X
AL	AM	2 253 131 B	10/1994	GB	A61F	13/72	X	
AL	AN	95/03443	02/1995	PCT	D04H	13/00	X	
AL	AO	95/04182	02/1995	PCT	D04H	13/00	X	
AL	AP	2 250 921 B	06/1995	GB	A61F	13/15	X	

OTHER PRIOR ART *(Including Author, Title, Date, Pertinent Pages, Etc.)*

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EXAMINER: Maria Veadler DATE CONSIDERED: 11/24/02

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FORM PTO-1449 (MODIFIED)

OIPE JC13 JUN 05 2001 PATENT & TRADEMARK OFFICE

U.S. DEPARTMENT OF COMMERCE PATENT AND TRADEMARK OFFICE

LIST OF PRIOR ART CITED BY APPLICANT
(Use several sheets if necessary)

ATTY. DOCKET NO.	SERIAL NO.
KCC-15,893	09/855,194

APPLICANT: Oomman Painumoottil THOMAS

FILING DATE	GROUP
14 May 2001	

U.S. PATENT DOCUMENTS

*EXAMINER INITIAL		DOCUMENT NUMBER	DATE	NAME	CLASS	SUBCLASS	FILING DATE IF APPROPRIATE
AE	AA	4,148,676	04/1979	Paquette et al.	156	181	
AE	AB	4,209,563	06/1980	Sisson	428	288	
AE	AC	4,211,807	07/1980	Yazawa et al.	428	109	
AE	AD	4,239,578	12/1980	Gore	156	361	
AE	AE	4,241,123	12/1980	Shih	428	105	
AE	AF	4,259,220	03/1981	Bunnelle et al.	260	27 BB	
AE	AG	4,302,495	11/1981	Marra	428	110	
AE	AH	4,303,571	12/1981	Jansen et al.	260	33.6 AQ	
AE	AI	4,304,234	12/1981	Hartmann	128	287	
AE	AJ	4,310,594	01/1982	Yamazaki et al.	428	296	
AE	AK	4,319,572	03/1982	Widlund et al.	128	284	

FOREIGN PATENT DOCUMENTS

		DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUBCLASS	TRANSLATION YES	TRANSLATION NO
AE	AL	95/16562	06/1995	PCT	B32B	5/24	X	
AE	AM	95/34264	12/1995	PCT	A61F	13/15	X	
AE	AN	2 268 389 B	07/1996	GB	A61F	13/15	X	
AE	AO	96/23466	08/1996	PCT	A61F	13/15	X	
AE	AP	743 052 A2	11/1996	EPO	A61F	13/15	X	

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EXAMINER	DATE CONSIDERED
Vicki Nielsen	11/24/02

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OIPE JC12 JUN 05 2001 PATENT & TRADEMARK OFFICE

FORM PTO-1449 (MODIFIED) U.S. DEPARTMENT OF COMMERCE PATENT AND TRADEMARK OFFICE

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APPLICANT: Oomman Painumoottil THOMAS	
FILING DATE: 14 May 2001	GROUP

U.S. PATENT DOCUMENTS

*EXAMINER INITIAL		DOCUMENT NUMBER	DATE	NAME	CLASS	SUBCLASS	FILING DATE IF APPROPRIATE
AL	AA	4,323,534	04/1982	DesMarais	264	176R	
AL	AB	4,333,782	06/1982	Pieniak	156	176 R	
AL	AC	4,375,446	03/1983	Fujii et al.	264	518	
AL	AD	4,405,397	09/1983	Teed	156	164	
AL	AE	4,413,623	11/1983	Pieniak	604	365	
AL	AF	4,417,935	11/1983	Spencer	156	80	
AL	AG	4,418,123	11/1983	Bunnelle et al.	428	517	
AL	AH	4,440,819	04/1984	Rosser et al.	428	107	
AL	AI	4,490,427	12/1984	Grant et al.	428	107	
AL	AJ	4,496,417	01/1985	Haake et al.	156	361	
AL	AK	4,507,163	03/1985	Menard	156	164	

FOREIGN PATENT DOCUMENTS

		DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUBCLASS	TRANSLATION YES	TRANSLATION NO
AL	AL	96/35402	11/1996	PCT	A61F	13/15	X	
AL	AM	753 292 A2	01/1997	EPO	A61F	13/15	X	
AL	AN	761 193 A2	03/1997	EPO	A61F	13/15	X	
AL	AO	761 194 A2	03/1997	EPO	A61F	13/15	X	
AL	AP	713 546 B1	03/1997	EPO	D04H	13/00	X	

OTHER PRIOR ART *(Including Author, Title, Date, Pertinent Pages, Etc.)*

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EXAMINER: Alicia Reudelhuber DATE CONSIDERED: 11/24/02

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*EXAMINER INITIAL		DOCUMENT NUMBER	DATE	NAME	CLASS	SUBCLASS	FILING DATE IF APPROPRIATE
	AA	4,525,407	06/1985	Ness	428	138	
	AB	4,543,099	09/1985	Bunnelle et al.	604	385 A	
	AC	4,548,859	10/1985	Kline et al.	428	251	
	AD	4,552,795	11/1985	Hansen et al.	428	110	
	AE	4,555,811	12/1985	Shimalla	2	51	
	AF	4,572,752	02/1986	Jensen et al.	156	64	
	AG	4,586,199	05/1986	Birring	2	401	
	AH	4,606,964	08/1986	Wideman	428	152	
	AI	4,626,305	12/1986	Suzuki et al.	156	164	
	AJ	4,636,419	01/1987	Madsen et al.	428	131	
	AK	4,640,859	02/1987	Hansen et al.	428	105	

FOREIGN PATENT DOCUMENTS

		DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUBCLASS	TRANSLATION YES	TRANSLATION NO
	AL	763 353 A2	03/1997	EPO	A61F	13/15	X	
	AM	787 474 A1	08/1997	EPO	A61F	13/15	X	
	AN	806 196 A2	11/1997	EPO	A61F	13/15	X	
	AO	814 189 A1	12/1997	EPO	D04H	13/00	X	
	AP	98/14156	04/1998	PCT	A61F	13/15	X	

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EXAMINER: Alicia Rivelis DATE CONSIDERED: 11/24/02

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*EXAMINER INITIAL		DOCUMENT NUMBER	DATE	NAME	CLASS	SUBCLASS	FILING DATE IF APPROPRIATE
	AA	4,652,487	03/1987	Morman	428	138	
	AB	4,656,081	04/1987	Ando et al.	428	233	
	AC	4,657,793	04/1987	Fisher	428	36	
	AD	4,657,802	04/1987	Morman	428	152	
	AE	4,663,220	05/1987	Wisneski et al.	428	221	
	AF	4,666,542	05/1987	De Jonckheere	156	164	
	AG	4,675,068	06/1987	Lundmark	156	495	
	AH	4,683,877	08/1987	Ersfeld et al.	128	90	
	AI	4,687,477	08/1987	Suzuki et al.	604	385 A	
	AJ	4,692,368	09/1987	Taylor et al.	428	137	
	AK	4,692,371	09/1987	Morman et al.	428	224	

FOREIGN PATENT DOCUMENTS

		DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUBCLASS	TRANSLATION YES	TRANSLATION NO
	AL	582 569 B1	06/1998	EPO	B32B	5/26	X	
	AM	98/55062	12/1998	PCT	A61F	13/15	X	
	AN	99/17926	04/1999	PCT	B32B	5/04	X	
	AO	99/60970	12/1999	PCT	A61F	13/15	X	
	AP	00/37003	06/2000	PCT	A61F	13/15	X	

OTHER PRIOR ART *(Including Author, Title, Date, Pertinent Pages, Etc.)*

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EXAMINER	DATE CONSIDERED
Olivia Luu	11/24/02

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AE	AA	4,704,116	11/1987	Enloe	604	385 A	
AE	AB	4,718,901	01/1988	Singheimer	604	385 A	
AE	AC	4,719,261	01/1988	Bunnelle et al.	525	97	
AE	AD	4,720,415	01/1988	Vander Wielen et al.	428	152	
AE	AE	4,725,468	02/1988	McIntyre	428	40	
AE	AF	4,726,874	02/1988	Van Vliet	156	495	
AE	AG	4,734,311	03/1988	Sokolowski	428	152	
AE	AH	4,734,320	03/1988	Ohira et al.	428	231	
AE	AI	4,735,673	04/1988	Piron	156	496	
AE	AJ	4,756,942	07/1988	Aichele	428	102	
AE	AK	4,761,198	08/1988	Salerno	156	334	

FOREIGN PATENT DOCUMENTS

		DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUBCLASS	TRANSLATION YES	TRANSLATION NO
AE	AL	99/60969	12/1999	PCT	A61F	13/15	X	
AE	AM	99/60971	12/1999	PCT	A61F	13/15	X	
AE	AN	00/37005	06/2000	PCT	A61F	13/15	X	
AE	AO	1 013 251 A1	06/2000	EPO	A61F	13/15	X	
AE	AP	547 497 B2	07/2000	EPO	A61F	13/15	X	

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EXAMINER: Alicia Reddick | DATE CONSIDERED: 11/24/02

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*EXAMINER INITIAL		DOCUMENT NUMBER	DATE	NAME	CLASS	SUBCLASS	FILING DATE IF APPROPRIATE
AL	AA	4,762,582	08/1988	de Jonckheere	156	164	
AL	AB	4,775,579	10/1988	Hagy et al.	428	284	
AL	AC	4,777,080	10/1988	Harris, Jr. et al.	428	212	
AL	AD	4,789,699	12/1988	Kieffer et al.	524	271	
AL	AE	4,801,345	01/1989	Dussaud et al.	156	164	
AL	AF	4,801,482	01/1989	Goggans et al.	428	68	
AL	AG	4,803,117	02/1989	Daponte	428	228	
AL	AH	4,804,577	02/1989	Hazelton et al.	428	224	
AL	AI	4,826,415	05/1989	Mende	425	722	
AL	AJ	4,842,666	06/1989	Werenicz	156	161	
AL	AK	4,854,985	08/1989	Soderlund et al.	156	85	

FOREIGN PATENT DOCUMENTS

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	AL							
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EXAMINER: Alicia Ruvalcaba DATE CONSIDERED: 11/24/02

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OIPE JC173 JUN 05 2001 PATENT & TRADEMARK OFFICE

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KCC-15,893	09/855,194
APPLICANT: Oomman Painumoottil THOMAS	
FILING DATE: 14 May 2001	GROUP

U.S. PATENT DOCUMENTS

*EXAMINER INITIAL		DOCUMENT NUMBER	DATE	NAME	CLASS	SUBCLASS	FILING DATE IF APPROPRIATE
AE	AA	4,854,989	08/1989	Singheimer	156	161	
AE	AB	4,863,779	09/1989	Daponte	428	152	
AE	AC	4,874,447	10/1989	Hazelton et al.	156	167	
AE	AD	4,883,482	11/1989	Gandrez et al.	604	385.2	
AE	AE	4,883,549	11/1989	Frost et al.	156	161	
AE	AF	4,891,258	01/1990	Fahrenkrug	428	138	
AE	AG	4,892,536	01/1990	DesMarais et al.	604	385.2	
AE	AH	4,892,903	01/1990	Himes	524	488	
AE	AI	4,900,619	02/1990	Ostrowski et al.	428	284	
AE	AJ	4,906,507	03/1990	Grynaeus et al.	428	113	
AE	AK	4,908,247	03/1990	Baird et al.	428	34.9	

FOREIGN PATENT DOCUMENTS

		DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUBCLASS	TRANSLATION YES	TRANSLATION NO
	AL							
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	AO							
	AP							

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EXAMINER: Alicia Stewart DATE CONSIDERED: 11/24/02

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OIPE JC179 JUN 05 2001 PATENT & TRADEMARK OFFICE

FORM PTO-1449 (MODIFIED) U.S. DEPARTMENT OF COMMERCE PATENT AND TRADEMARK OFFICE

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KCC-15,893	09/855,194
APPLICANT: Oomman Painumoottil THOMAS	
FILING DATE: 14 May 2001	GROUP

U.S. PATENT DOCUMENTS

*EXAMINER INITIAL		DOCUMENT NUMBER	DATE	NAME	CLASS	SUBCLASS	FILING DATE IF APPROPRIATE
	AA	4,910,064	03/1990	Sabee	428	113	
	AB	4,917,696	04/1990	De Jonckheere	604	385.2	
	AC	4,917,746	04/1990	Kons et al.	156	164	
	AD	4,929,492	05/1990	Carey, Jr. et al.	428	198	
	AE	4,938,821	07/1990	Soderlund et al.	156	85	
	AF	4,965,122	10/1990	Morman	428	225	
	AG	4,968,313	11/1990	Sabee	604	385.2	
	AH	4,970,259	11/1990	Mitchell et al.	524	505	
	AI	4,977,011	12/1990	Smith	428	152	
	AJ	4,984,584	01/1991	Hansen et al.	128	898	
	AK	4,995,928	02/1991	Sabee	156	164	

FOREIGN PATENT DOCUMENTS

		DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUBCLASS	TRANSLATION YES	TRANSLATION NO
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EXAMINER: Marion McCamish DATE CONSIDERED: 11/24/02

***EXAMINER:** Initial if reference considered, whether or not citation is in conformance with MPEP 609; Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

OIPE JC173 JUN 05 2001 PATENT & TRADEMARK OFFICE

FORM PTO-1449 (MODIFIED)

U.S. DEPARTMENT OF COMMERCE PATENT AND TRADEMARK OFFICE

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ATTY. DOCKET NO.	SERIAL NO.
KCC-15,893	09/855,194
APPLICANT: Oomman Painumoottil THOMAS	
FILING DATE: 14 May 2001	GROUP

U.S. PATENT DOCUMENTS

*EXAMINER INITIAL		DOCUMENT NUMBER	DATE	NAME	CLASS	SUBCLASS	FILING DATE IF APPROPRIATE
	AA	4,998,929	03/1991	Björksund et al.	604	385.2	
	AB	5,000,806	03/1991	Merkatoris et al.	156	161	
	AC	5,002,815	03/1991	Yamanaka et al	428	109	
	AD	5,060,349	10/1991	Walton et al.	26	18.6	
	AE	5,073,436	12/1991	Antonacci et al.	428	219	
	AF	5,093,422	03/1992	Himes	525	98	
	AG	5,100,435	03/1992	Onwumere	8	115.55	
	AH	5,114,087	05/1992	Fisher et al.	242	42	
	AI	5,147,487	09/1992	Nomura et al.	156	164	
	AJ	5,169,706	12/1992	Collier, IV et al.	428	152	
	AK	5,169,712	12/1992	Tapp	428	315.5	

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EXAMINER: Alicia Ruddock

DATE CONSIDERED: 11/24/02

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KCC-15,893	09/855,194
APPLICANT: Oomman Painumoottil THOMAS	
FILING DATE: 14 May 2001	GROUP

U.S. PATENT DOCUMENTS

*EXAMINER INITIAL		DOCUMENT NUMBER	DATE	NAME	CLASS	SUBCLASS	FILING DATE IF APPROPRIATE
	AA	5,186,779	02/1993	Tubbs	156	161	
	AB	5,198,281	03/1993	Muzzy et al.	428	102	
	AC	5,200,246	04/1993	Sabee	428	109	
	AD	~~5,204,429~~	~~04/1993~~	~~Kaminsky et al.~~	~~526~~	~~308~~	
	AE	5,209,801	05/1993	Smith	156	161	
	AF	5,219,633	06/1993	Sabee	428	109	
	AG	5,226,992	07/1993	Morman	156	62.4	
	AH	5,229,191	07/1993	Austin	428	198	
	AI	5,232,777	08/1993	Sipinen et al.	428	364	
	AJ	5,236,430	08/1993	Bridges	604	396	
	AK	5,236,770	08/1993	Assent et al.	428	198	

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EXAMINER: Alicia Stewart

DATE CONSIDERED: 11/24/02

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*EXAMINER INITIAL		DOCUMENT NUMBER	DATE	NAME	CLASS	SUBCLASS	FILING DATE IF APPROPRIATE
	AA	5,238,733	08/1993	Joseph et al.	428	284	
	AB	5,246,433	09/1993	Hasse et al.	604	396	
	AC	5,259,902	11/1993	Muckenfuhs	156	164	
	AD	5,260,126	11/1993	Collier, IV et al.	428	288	
~~—~~	~~AE~~	~~5,272,236~~	~~12/1993~~	~~Lai et al.~~	~~526~~	~~348.5~~	~~—~~
~~—~~	~~AF~~	~~5,278,272~~	~~01/1994~~	~~Lai et al.~~	~~526~~	~~348.5~~	~~—~~
	AG	5,288,791	02/1994	Collier, IV et al.	524	505	
	AH	5,296,080	03/1994	Merkatoris et al.	156	496	
	AI	5,304,599	04/1994	Himes	525	98	
	AJ	5,308,345	05/1994	Herrin	604	385.2	
	AK	5,312,500	05/1994	Kurihara et al.	156	62.4	

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EXAMINER: Olivia Wiedbrauk — DATE CONSIDERED: 11/22/02

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U.S. PATENT DOCUMENTS

*EXAMINER INITIAL		DOCUMENT NUMBER	DATE	NAME	CLASS	SUBCLASS	FILING DATE IF APPROPRIATE
	AA	5,324,580	06/1994	Allan et al.	428	284	
	AB	5,332,613	07/1994	Taylor et al.	428	152	
	AC	5,334,437	08/1994	Zafiroglu	428	219	
	AD	5,334,446	08/1994	Quantrille et al.	428	284	
	AE	5,336,545	08/1994	Morman	428	152	
	AF	5,342,469	08/1994	Bodford et al.	156	244.22	
	AG	5,360,854	11/1994	Bozich, Jr.	524	274	
	AH	5,366,793	11/1994	Fitts, Jr., et al.	428	198	
	AI	5,376,198	12/1994	Fahrenkrug et al.	156	164	
	AJ	5,385,775	01/1995	Wright	428	284	
	AK	5,389,173	02/1995	Merkatoris et al.	156	164	

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EXAMINER: Alicia Sudduth | DATE CONSIDERED: 11/24/02

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U.S. PATENT DOCUMENTS

*EXAMINER INITIAL		DOCUMENT NUMBER	DATE	NAME	CLASS	SUBCLASS	FILING DATE IF APPROPRIATE
	AA	5,393,599	02/1995	Quantrille et al.	428	284	
	AB	5,405,682	04/1995	Shawyer et al.	428	221	
	AC	5,407,507	04/1995	Ball	156	163	
	AD	5,411,618	05/1995	Jocewicz, Jr.	156	164	
	AE	5,413,654	05/1995	Igaue et al.	156	161	
	AF	5,413,849	05/1995	Austin et al.	428	293	
	AG	5,415,649	05/1995	Wantanabe et al.	604	385.2	
	AH	5,415,925	05/1995	Austin et al.	428	287	
	AI	5,425,987	06/1995	Shawver et al.	428	284	
	AJ	5,429,694	07/1995	Herrmann	156	164	
	AK	5,431,644	07/1995	Sipinen et al.	604	385.2	

FOREIGN PATENT DOCUMENTS

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EXAMINER: Alicia Ruddock | DATE CONSIDERED: 11/24/02

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OIPE JC17 JUN 05 2001 TRADEMARK OFFICE

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KCC-15,893	09/855,194
APPLICANT: Oomman Painumoottil THOMAS	
FILING DATE: 14 May 2001	GROUP

U.S. PATENT DOCUMENTS

*EXAMINER INITIAL		DOCUMENT NUMBER	DATE	NAME	CLASS	SUBCLASS	FILING DATE IF APPROPRIATE
	AA	5,431,991	07/1995	Quantrille et al.	428	109	
	AB	5,447,462	09/1995	Smith et al.	450	122	
	AC	5,447,508	09/1995	Numano et al.	604	385.2	
	AD	5,449,353	09/1995	Watanabe et al.	604	385.2	
	AE	5,464,401	11/1995	Hasse et al.	604	385.1	
	AF	5,472,775	12/1995	Obijeski et al.	428	220	
	AG	5,476,563	12/1995	Nakata	156	167	
	AH	5,484,645	01/1996	Lickfield et al.	428	198	
	AI	5,498,468	03/1996	Blaney	428	198	
	AJ	5,500,075	03/1996	Herrmann	156	494	
	AK	5,514,470	05/1996	Haffner et al.	428	246	

FOREIGN PATENT DOCUMENTS

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EXAMINER	DATE CONSIDERED
Alicia Reuben	11/24/02

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OIPE JC173 JUN 05 2001 PATENT & TRADEMARK OFFICE

FORM PTO-1449 (MODIFIED)

U.S. DEPARTMENT OF COMMERCE PATENT AND TRADEMARK OFFICE

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KCC-15,893	09/855,194
APPLICANT: Oomman Painumoottil THOMAS	
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U.S. PATENT DOCUMENTS

*EXAMINER INITIAL		DOCUMENT NUMBER	DATE	NAME	CLASS	SUBCLASS	FILING DATE IF APPROPRIATE
AC	AA	5,516,476	05/1996	Haggard et al.	264	211	
AC	AB	5,523,146	06/1996	Bodford et al.	428	198	
AC	AC	5,531,850	07/1996	Herrmann	156	161	
AC	AD	5,534,330	07/1996	Groshens	428	198	
AC	AE	5,540,976	07/1996	Shawver et al.	428	198	
AC	AF	5,545,158	08/1996	Jessup	604	385.2	
AC	AG	5,545,285	08/1998	Johnson	156	496	
AC	AH	5,549,964	08/1996	Shohji et al.	428	224	
AC	AI	5,569,232	10/1996	Roe et al.	604	385.2	
AC	AJ	5,575,783	11/1996	Clear et al.	604	385.1	
AC	AK	5,576,090	11/1996	Suzuki	428	152	

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EXAMINER: Alicia Harkcom

DATE CONSIDERED: 11/24/02

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AE	AA	5,582,668	12/1996	Kling	156	161	
AE	AB	5,591,152	01/1997	Buell et al.	604	385.2	
AE	AC	5,597,430	01/1997	Rasche	156	161	
AE	AD	5,624,740	04/1997	Nakata	428	204	
AE	AE	5,626,573	05/1997	Igaue et al.	604	385.1	
	~~AF~~	~~5,628,856~~	~~05/1997~~	~~Dobrin et al.~~	~~156~~	~~244.18~~	
AE	AG	5,645,672	07/1997	Dobrin	156	244.18	
AE	AH	5,652,041	07/1997	Buerger et al.	428	198	
AE	AI	5,660,664	08/1997	Herrmann	156	161	
AE	AJ	5,669,897	09/1997	Lavon et al.	604	385.2	
AE	AK	5,681,302	10/1997	Melbye et al.	604	373	

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EXAMINER: Alicia Ramirez | DATE CONSIDERED: 11/24/02

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AE	AA	5,683,787	11/1997	Boich et al.	428	198	
AE	AB	5,690,626	11/1997	Suzuki et al.	604	385.2	
AE	AC	5,693,038	12/1997	Suzuki et al.	604	385.2	
AE	AD	5,695,849	12/1997	Shawver et al.	428	131	
AE	AE	5,709,921	01/1998	Shawver	428	152	
AE	AF	5,720,838	02/1998	Nakata	156	167	
AE	AG	5,733,635	03/1998	Terakawa et al.	428	198	
AE	AH	5,733,822	03/1998	Gessner et al.	442	35	
AE	AI	5,735,839	04/1998	Kawaguchi et al.	604	385.2	
AE	AJ	5,736,219	04/1998	Suehr et al.	428	113	
AE	AK	5,746,731	05/1998	Hisada	604	385.2	

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EXAMINER: Alicia Kowalczyk DATE CONSIDERED: 11/24/02

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AE	AA	5,749,865	05/1998	Yamamoto et al.	604	385.2	
AE	AB	5,749,866	05/1998	Roe et al.	604	385.2	
AE	AC	5,766,737	06/1998	Willey et al.	428	198	
AE	AD	5,769,838	06/1998	Buell et al.	604	396	
AE	AE	5,769,993	06/1998	Baldauf	156	164	
AE	AF	5,772,649	06/1998	Siudzinski	604	386	
AE	AG	5,773,373	06/1998	Wynne et al.	442	260	
AE	AH	5,773,374	06/1998	Wood et al.	442	328	
AE	AI	5,788,804	08/1998	Hörsting	156	440	
AE	AJ	5,789,065	08/1998	Haffner et al.	428	152	
AE	AK	5,789,328	08/1998	Kurihara et al.	442	387	

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EXAMINER: Alexis Rowell DATE CONSIDERED: 11/24/02

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*EXAMINER INITIAL		DOCUMENT NUMBER	DATE	NAME	CLASS	SUBCLASS	FILING DATE IF APPROPRIATE
AE	AA	5,814,176	09/1998	Proulx	156	167	
AE	AB	5,817,087	10/1998	Takabayashi et al.	604	385.2	
AE	AC	5,830,203	11/1998	Suzuki et al.	604	385.2	
AE	AD	5,834,089	11/1998	Jones et al.	428	97	
AE	AE	5,836,931	11/1998	Toyoda et al.	604	385.2	
AE	AF	5,836,932	11/1998	Buell et al.	604	396	
AE	AG	5,876,392	03/1999	Hisada	604	385.2	
AE	AH	5,879,776	03/1999	Nakata	428	92	
AE	AI	5,885,686	03/1999	Cederblad et al.	428	107	
AE	AJ	5,897,546	04/1999	Kido et al.	604	391	
AE	AK	5,899,895	05/1999	Robles et al.	604	385.2	

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EXAMINER: Alicia Ramos DATE CONSIDERED: 11/24/02

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AE	AA	5,916,206	06//1999	Otsubo et al.	604	385.2	
AE	AB	5,941,865	08/1999	Otsubo et al.	604	385.2	
AE	AC	5,952,252	09/1999	Shawver et al.	442	407	
AE	AD	5,964,970	10/1999	Woolwine et al.	156	64	
AE	AE	5,997,521	12/1999	Robles et al.	604	385.2	
AE	AF	6,004,306	12/1999	Robles et al.	604	385.1	
AE	AG	6,033,502	03/2000	Coenen et al.	156	64	
AE	AH	6,045,543	04/2000	Pozniak et al.	604	385.1	
AE	AI	6,057,024	05/2000	Mleziva et al.	428	114	
AE	AJ	Des. 284,036	06/1986	Birring	D2	10	
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FOREIGN PATENT DOCUMENTS

		DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUBCLASS	TRANSLATION YES	TRANSLATION NO
	AL							
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	AN							
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	AP							

OTHER PRIOR ART *(Including Author, Title, Date, Pertinent Pages, Etc.)*

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EXAMINER: Alicia Lewalen — DATE CONSIDERED: 11/24/02

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U.S. PATENT DOCUMENTS

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AE	AA	Des. 335,707	05/1993	Igaue et al.	D24	126	
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	AD						
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FOREIGN PATENT DOCUMENTS

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